



International Council  
for Research and Innovation  
in Building and Construction



**London  
South Bank**  
University

**Joint International Symposium on:**

**GOING NORTH FOR SUSTAINABILITY: Leveraging Knowledge and Innovation for Sustainable Construction and Development**

**November 23<sup>rd</sup> – 25<sup>th</sup> 2015**

**Keyworth Centre: London South Bank University (LSBU), London, SE1 0AA**

**Programme**

Day 1: Monday 23 <sup>rd</sup> November 2015			Venue	Time
<b>REGISTRATION</b>			<b>K806/ K807</b>	<b>From 8:30am</b>
<b>Tea and Coffee</b>				<b>08:30 – 9:30</b>
<b>Welcome &amp; Introduction – Conference Chair: Professor Charles Egbu</b>			<b>K806/K807</b>	<b>09:30 – 09:40</b>
<b>Welcome to LSBU and to London: Professor. Dave Phoenix (OBE), Vice Chancellor, LSBU</b>			<b>K806/K807</b>	<b>09:40 – 09:50</b>
<b>Welcome: Dr. Wim Bakens - General Secretary, CIB</b>			<b>K806/K807</b>	<b>09:50 – 10:00</b>
<b>Introduction &amp; House Keeping – Conference Chair: Professor. Charles Egbu</b>			<b>K806/K807</b>	<b>10:00 – 10:10</b>
<b>Keynote Speaker 1: Professor Ghassan Aouad - President, Applied Science University, Bahrain</b>			<b>K806/K807</b>	<b>10:10 – 10:40</b>
<b>Disperse to Parallel Sessions</b>				<b>10:40 - 10:45</b>
Session 1A	Venue	Session 1B	Venue	Time
<b>Theme 1: <u>Procurement and Construction Economics</u></b>		<b>Theme 2: <u>Culture and Human Resources</u></b>		
<i>099: Using Soft System Methodology To Approach Social Value Outcomes In Public Procurement Authors: FARAG, F. &amp; MCDERMOTT, P.</i>	<b>K806/K807</b>	<i>095: Implementation Of Early Conflict Management Measures In Construction Projects – The Case Of South Africa” Authors: RWELAMILA, P. D. AND BROWN, S. T.</i>	<b>K801</b>	<b>10:45 – 11:00</b>
<i>014: The CE Meter; An instrument to assess the circular economy capacity of buildings Authors: GERAEDTS, R.P. ; PRINS, M.</i>	<b>K806/K807</b>	<i>074: Industry Culture As Causative Agents Of Construction Waste: A Need For Cultural Change Authors: AJAYI, S. O; OYEDELE, L. O; KADIRI, K. O; MUHAMMAD, B; AKINADE, O.O; OWOLABI, H.A, ALAKA, H.A.</i>	<b>K801</b>	<b>11:00 – 11:15</b>
<i>003: Life cycle costing in construction projects: professional quantity surveyors’ perspective. Authors: CHIURUGWI, T., UDEAJA, C., BABATUNDE, S.O., EKUNDAYO, D.</i>	<b>K806/K807</b>	<i>046: Sustainability In Projects Requires Training In Managing As Designing Authors: LOUSBERG, L.H., HEINTZ, J.L., PRINS, M.</i>	<b>K801</b>	<b>11:15 – 11:30</b>
<i>004: An Investigation of Psychological Contracts in Construction Procurement Authors: JEFFERIES, M.C.; DAVIS, P.R.: AND KE, Y.</i>	<b>K806/K807</b>	<i>020: Interactions Of Culture And Person-Technology Fit Authors: HUA, Y.Y. , LIU, A.M.M., AND TIJHUIS, W.</i>	<b>K801</b>	<b>11:30 – 11:45</b>

Session 2A	Venue	Session 2B	Venue	Time
<b><u>Theme 3: Infrastructure, Development and Management</u></b>		<b><u>Theme 4: Construction Industry and Global Economy</u></b>		
032: An Exploration Of Malaysian Public Listed Companies Diversifying Into Property Development Authors: ABDUL-RASHID ABDUL-AZIZ1 AND CHOW, WAN WEN2	K806/K807	079: Corporate Factors Influencing Sustainable Construction Enterprise Authors: ALAKA, H.A.; OYEDELE, L. O.; KADIRI, K.O.; OWOLABI, H.A.; AJAYI, S.O. ; AKINADE, O.O. ; BILAL, M.	K801	11:50 – 12:05
081: Beneficiary Housing Participation Defined - A South Africa Perspective Authors: AIGBAVBOA, C. O, THWALA, W. D	K806/K807	098: Framework For Growth Of Small And Medium-Size Construction Firms: A Literature Review. Authors: ARTHUR-AIDOO B. M., AIGBAVBOA C. O. AND THWALA W. D.	K801	12:05 – 12:20
006: Exploring Knowledge Management Principles For Decision-Making In Low-Energy Building For Sustainability In Construction Authors: MADUKA, N.S., UDEAJA, C., GREENWOOD, D.	K806/K807	083: Research Programme On Innovative Learning Spaces And Their Development Authors: KÄHKÖNEN, K, KEINÄNEN, M, NAARANOJA, M, NIEMI, O, SAVOLAINEN, J	K801	12:20 – 12:35
033: Knowledge In The Decision-Making Process For Sustainable Renovation Of Multifamily Houses Authors: PERSSON, M, LYVALL, A.	K806/K807	042: Research Trend Of Sustainability In Construction Journals Authors: AKGUL, G, GIRITLI,F.H	K801	12:35 – 12:50
<b>Lunch</b>				<b>13:00- 14:00</b>
Session 3A		Session 3B	Venue	Time
<b><u>Theme 5: Construction Technology, Research and Development</u></b>		<b><u>Theme 3: Infrastructure, Development and Management</u></b>		
010: Asbestos Free Fibrecement Components - Fifteen Years Of Joint Activities Between Industry And University Authors: AGOPYAN, V.; JOHN, V. M. AND SAVASTANO JR., H.	K806/K807	050: Environmental Impact And Energy Management Of Sports Stadia Authors: CHILVERS. S, CHAER, I, FORD, A.	K801	14:00 – 14:15
024: Fibrous Concrete For Sustainable Construction Authors: ABDULLE, F. A; XIAO, R. Y.	K806/K807	022: Performance In Use: The Great Externality Of The Built Environment Authors: GILLICH, A; FORD, A	K801	14:15 – 14:30
100: A Novel Dry Air Ground Source (DAGS) System For Heating And Cooling Buildings Authors: YEBIYO, M A; MAIDMENT,G A; PAURINE, A A; DAY,A B	K806/K807	061: Innovation In Offsite Manufacturing In The Field Of Housing: A Case Study Using Bourdivian And Actor-Network Approaches Authors: LONDON, K. ; PABLO, Z.	K801	14:30 – 14:45

	<b>K806/K807</b>	<i>055: Lessons For Specifying The System Boundaries Of An Asset Management Plan From Four Case Studies Of Failure Authors: OLUWAGBENGA S TADE, KEN SMITH, AMER ALI, ALEX OPOKU</i>	<b>K801</b>	<b>14:45 – 15:00</b>
<b>Session 4a</b>		<b>Session 4b</b>	<b>Venue</b>	<b>Time</b>
<b><u>Theme 1: Procurement and Construction Economics</u></b>		<b><u>Theme 2: Culture and Human Resources</u></b>		
<i>085: Towards Sustainable Procurement Of Infrastructure At A South African University Of Technology Authors: B.O. AWUZIE, F.A. EMUZE, A. NGOWI</i>	<b>K806/K807</b>	<i>059: Perceptions Of Different Stakeholders Towards Sustainability: A Case Example From The Turkish Construction Industry Authors: AKGUL, G AND GIRITLI, F.H.</i>	<b>K801</b>	<b>15:05 – 15:20</b>
<i>101 A case for Target Value Design towards Effective Low-cost Housing Project Cost Management and Performance in South-East zone Nigeria Authors: OBI, L.I; ARIF, M.</i>	<b>K806/K807</b>	<i>066: Women Professionals' Participation In The Construction Industry - Indian Scenario Authors: AHUJA, V.; KUMARI, S.</i>	<b>K801</b>	<b>15:20 – 15:35</b>
<i>102: Developers' Compliance to the Delivery of Basic Infrastructure to Housing Estates under the Public Private Partnership Arrangement in Abuja Authors: ABUBAKAR DARDA'U ABDULAZEEZ, MICHAEL EJUGWU OWOICHO AND DAUDA DAHIRU</i>	<b>K806/K807</b>	<i>026: Determinants Of Employee Job Satisfaction In The Gauteng Province Of South Africa Authors: LESAILANE, M. P, AIGBAVBOA, C. O, THWALA, W. D Author(s): OLOWOAKE, MOHAMMED ADELAJA</i>	<b>K801</b>	<b>15:35 – 15:50</b>
<b>—</b>		<i>067: Influence Of Host Organisation Culture In The Execution Of Construction Projects: A Case Study Of Selected Higher Education Institutions In Nigeria. Author(s): OLOWOAKE, MOHAMMED ADELAJA</i>	<b>K801</b>	<b>15:50 – 16:05</b>
<b>Tea and Coffee</b>				<b>16:05 – 16:35</b>
<b><u>CIB Working Commission and Task Group Meetings</u></b>			<b>Venue</b>	<b>Time</b>
<b>WC 092 – Procurement Systems and TG 72 – Public Private Partnership</b>			<b>K806/K807</b>	<b>16:40 – 17:40</b>
<b>WC 065 – Organisation and Management of Construction</b>			<b>K804/K805</b>	<b>16:40 – 17:40</b>

<i><b>WC 055 – Construction Industry Economics</b></i>	<i><b>K808/K809</b></i>	<i><b>16:40 – 17:40</b></i>
<i><b>WC 107 – Construction in Developing Countries</b></i>	<i><b>K801</b></i>	<i><b>16:40 – 17:40</b></i>
<i><b>Freshening-up time/Check in to hotels</b></i>	<i><b>17:45 – 18:45</b></i>	
<i><b>Social Event: Drinks reception at London South Bank University (Details to follow)</b></i>	<i><b>19:00 – 22:00</b></i>	

## Day 2: Tuesday 24<sup>th</sup> November 2015

	Venue	Time
<b>REGISTRATION</b>	<i>K806/K807</i>	<i>From 8:30am</i>
Introduction – Conference Chair: Professor Charles Egbu, Dean of The School of The Built Environment and Architecture, LSBU	K806/K807	09:30 – 09:40
Keynote Speaker 2: Professor George Ofori - National University of Singapore	K806/K807	09:40 – 10:10
<b><u>INDUSTRY CHALLENGE - Presentation and Debate:</u></b> <b><i>‘How is industry addressing the complex challenges of sustainability and what impact is this making’?</i></b> <b><u>Chair/Moderator:</u> Dr. Matthew Barac - Senior Lecturer, LSBU</b>	K806/K807	10:10 – 11:15
<b><u>Panellists:</u></b> Steve Colman, Managing Director – Takeparts Katie McGuire, Associate Director, Energy & Sustainability - Capita Property and Infrastructure Davide Stronati, Group Sustainability Manager - Mott MacDonald Andrew Waugh, Director - Waugh Thistleton		
<b><i>Tea and Coffee</i></b>		<b><i>11:15 – 11:30</i></b>
<b>Industry Challenge - Debate with Panellists</b>	K806/K807	11:30 – 13:10
<b><i>Conference Photo Session</i></b>		<b><i>13:10 – 13:30</i></b>
<b><i>Lunch</i></b>		<b><i>13:30 – 14:30</i></b>
<b>Session 5</b>	<b>Venue</b>	<b>Time</b>
<b>Theme 1: <u>Procurement and Construction Economics</u></b>	K806/K807	
<b>097:</b> Strategic change in the delivery of infrastructure – Authors: POTTS, M, MCDERMOTT, P., STEPHENSON, A.	K806/K807	14:30 – 14:45
<b>027:</b> Supply Chain Partnership in construction A field study on project team level factors	K806/K807	14:45 – 15:00

<i>Authors: KOOLWIJK, J.S.J., OEL, VAN, C.J., WAMELINK, J.W.F.</i>		
<b>035: Development Of The “Water-Specific P3 Risk Model”, Risks Identified</b> <i>Authors: KORAYEM, I.M, OGUNLANA, S.O, BOATENG, P.</i>	K806/K807	<b>15:00 – 15:15</b>
<b>073: Stimulating The Bankability Of PFI/PPP Infrastructures Through The UK Government Guarantees: Prospects And Challenges</b> <i>Authors: OWOLABI H. A. ; OYEDELE L. O.; ALAKA A.H. ; AJAYI O. S ; AKINADE O.O; MUHAMMAD BILAL</i>	K806/K807	<b>15:15 - 15:30</b>
<b>Session 6</b>	<b>Venue</b>	<b>Time</b>
<b><u>Theme 4: Construction Industry and Global Economy</u></b>	K806/K807	
<b>075: Building Sustainability And Building Health: An Inextricable Synergy</b> <i>Authors: AJAYI, S. O; OYEDELE, L. O; KADIRI, K. O AND DAVID S.A</i>	K806/K807	<b>15:35 – 15:50</b>
<b>092: Radical Circular Economy</b> <i>Authors: MOHAMMADI, S. ; PRINS, M. , AND SLOB, N.</i>	K806/K807	<b>15:50 – 16:05</b>
<b>001: Organizational Identification And Turnover Intention Of Employees In The Turkish Construction Industry</b> <i>Authors: DEMIRCIOLU, Y, AND GIRITLI, F.H.</i>	K806/K807	<b>16:05 – 16:20</b>
<b>054: Use Of Social Media In Construction Industry: A Case Study</b> <i>Authors: SRINATH PERERA, MICHELE FLORENCIA VICTORIA, AND SAM BRAND</i>	K806/K807	<b>16:20 – 16:35</b>
<b>062: A New Theory-Based Typology For Construction Projects</b> <i>Authors: BROCKMANN, C., BREZINSKI, H.</i>	K806/K807	<b>16:35 – 16:50</b>
<b>Tea and Coffee</b>		<b>16:50 – 17:15</b>
<b>CIB Working Commission and Task Group Meetings</b>		
<b>WC: 102 – Information and knowledge management in buildings</b> <b>WC: 107 - Construction in developing countries</b> <b>TG: 81 - Global construction data</b> <b>TG: 83 – e-Business in construction</b>	<b>K806/K807</b>	<b>17:15 – 18:15</b>
<b>WC: 089 – Education in the built environment</b>	<b>K804/K805</b>	<b>17:15 – 18:15</b>
<b>WC: 096 - Architectural management</b>	<b>K808/K809</b>	<b>17:15 – 18:15</b>
<b>WC: 112 – Culture in Construction</b>	<b>K801</b>	<b>17:15 – 18:15</b>
<b>Freshening-up time/Check-in to hotels.</b>		<b>18:15 – 19:00</b>
<b>Conference Dinner and Awards (at etc. Venues, Prospero House, Borough High Street, London SE1 1GA.) Assemble at venue to depart at 19:00 or make your own way to Prospero House.</b>		<b>19:00 – 22:00</b>

Day 3: Wednesday 25 <sup>th</sup> November 2015		Time
<b>REGISTRATION</b>		<i>From 8:30am</i>
Introduction by <i>Conference Chair: Professor Charles Egbu</i>	K806/K807	09:30 – 09:40
Keynote Speaker 3: <i>Bridget Bartlett, Deputy Chief Executive, The Chartered Institute of Building (CIOB)</i>	K806/K807	09:40 – 10:10
<p><b><u>Panel Session: Questions &amp; Answers on Sustainability: ‘North meet South’ and ‘Academia and Industry’</u></b></p> <p><i>‘Industry and Academia working in partnership to address sustainability’ – issues, challenges and contexts</i></p> <p><i>‘Research needs, and research methodological challenges in sustainability-related research’</i></p>	K806/K807	10:15– 11:45
<b>Tea/Coffee</b>	<b>K806/K807</b>	<b>11:45 – 12:00</b>
<b>Session 7</b>	<b>Venue</b>	<b>Time</b>
<b>Theme 3: <u>Infrastructure Development and Management</u></b>		
<b>002: Leveraging Concepts for Environmentally Sustainable Business Management in Construction – A Focused View</b> <i>Author(s): P Huovinen</i>	K806/K807	12:00 – 12:15
<b>028: Reducing The Environmental Impact And Improving The Efficiency Of Construction Transport</b> <i>Authors: VRIJHOEF, R.</i>	K806/K807	12:15 – 12:30
<b>045: Towards An Adaptability Rating For Buildings</b> <i>Authors: MALTESE, S.; KAMARA, J. M.; DEJACO M. C, RE CECCONI, F.</i>	K806/K807	12:30 – 12:45
<b>051: Improving Housing Quality Through Client-Focused Information</b> <i>Authors: MOREIRA DA COSTA, J, CORVACHO, M H</i>	K806/K807	12:45 – 13:00
<b>Lunch</b>	<b>K806/K807</b>	<b>13:00 – 14:00</b>
<b>Theme 5: <u>Construction Technology, Research and Development</u></b>		



<b>015:</b> <i>Building Refurbishment Site Managers' Waste Management Practices</i> Author(s): SEZER, A. A.	<b>K806/K807</b>	<b>14:05 – 14:20</b>
<b>017:</b> <i>Challenges Of BIM Implementation In Sustainable Residential Projects In The UK And Future Perspective</i> Authors: SILVERIO K A , SURESH S, RENUKAPPA S, EASON M	<b>K806/K807</b>	<b>14:20 – 14:35</b>
<b>018:</b> <i>RE-Designing Project Management: Steps Towards A Project Management Curriculum For A Sustainable Built Environment</i> Authors: HEINTZ, J.L.; LOUSBERG, L.H. ; PRINS, M.	<b>K806/K807</b>	<b>14:35 – 14:50</b>
<b>043:</b> <i>Feasibility Study On Integration Of Low Carbon Technologies To Existing Domestic Dwellings In The UK</i> Authors: YE, Z; TANN, D. B; CHAER, I; BEASLEY, P.	<b>K806/K807</b>	<b>14:50 – 15:05</b>
<b>048:</b> <i>BIM Awareness And Readiness Of Postgraduate Built Environment Students In West Midlands Universities, UK</i> Authors: KUGBEADJOR W, SURESH S, RENUKAPPA S,	<b>K806/K807</b>	<b>15:05 – 15:20</b>
<b>063:</b> <i>A BIM-Centred System For Buffer Management</i> Authors: CHEN, K, LU, W. S	<b>K806/K807</b>	<b>15:20 – 15:35</b>
<b>065:</b> <i>Using Life Cycle Assessment To Illustrate The Benefits Of Blinds As Passive And Sustainable Energy Saving Products In The Domestic Environment In The UK</i> Authors: ANDREWS, D; DE GRUSSA, Z , CHALK, A, AND BUSH,D	<b>K806/K807</b>	<b>15:35 – 15:50</b>
<b>037:</b> <i>The Extent of integrating sustainability topics into an MSc Quantity Surveying course at London South Bank University in UK</i> Authors: OPOKU, A; EGBU, C	<b>K806/K807</b>	<b>15:50 – 16:05</b>
<b>Conference Closing and Final Remarks</b>	<b>K806/K807</b>	<b>16:05 – 16:35</b>
<b>Tea/Coffee and Networking</b>	<b>K806/K807</b>	<b>16:35 – 17:30</b>

